

REDACTED VERSION

7LM SOIL SAMPLING ANALYTICAL RESULTS  
APRIL 1-29, 1997

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, April 01, 1997

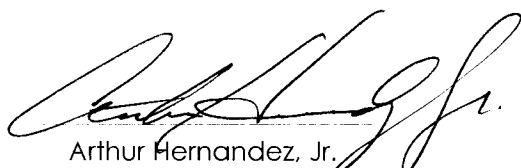
Ref Number: TX971062

## POLARIZED LIGHT MICROSCOPY (PLM)

### Project: WESTBANK ASBESTOS PROJECT

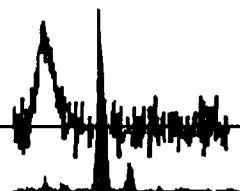
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS
WBS603G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS603G02		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS603G03		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS603G04		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS603G05		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS096G01		Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





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Tuesday, April 01, 1997

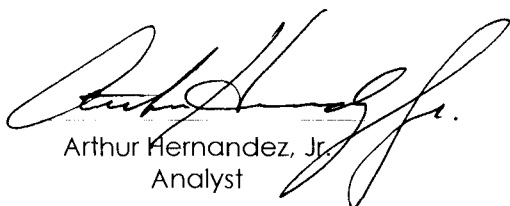
Ref Number: TX971062

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: WESTBANK ASBESTOS PROJECT**

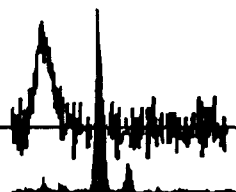
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		%	<u>NONASBESTOS</u>		%
				%	TYPE		FIBROUS	NONFIBROUS	
WBS289G04	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite				100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
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Page 1 of 1

\*See CONCENTRATION RANGE on back of form.

WB-00158





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, April 01, 1997

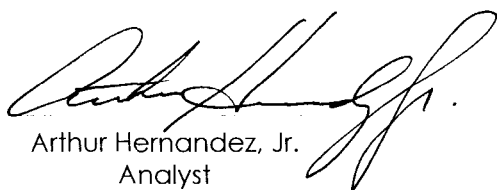
Ref Number: TX971076

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

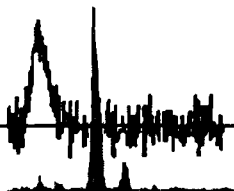
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS101G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS101G02		Brown Fibrous Homogeneous	Teased	10% Chrysotile 2% Amosite			88% Other
WBS289G05		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS289G06		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS289G07		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS102G01		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
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Tuesday, April 01, 1997

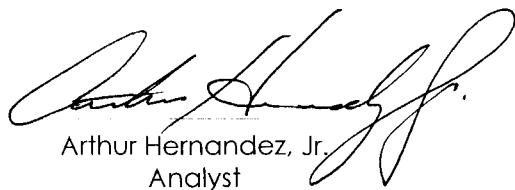
Ref Number: TX971076

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS057G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS057G02		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS104G01		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS104G02		Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile < 1% Crocidolite		96% Other
WBS104G04		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS104G05		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
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Analyst

  
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Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, April 01, 1997

Ref Number: TX971076

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	NONFIBROUS
WBS104G06	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other

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**Analytical Services Center**  
4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852  
*International Specialists in the Environment*

### CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: 020601			Project Name: Westbank Asbestos			Project Manager: Troy Naquin			REMARKS			
Samplers: (Signatures) Maggie Dim / Barbara Storey / Chuck For...			Field Team Leader: Barbara Storey									
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS	PLM			
			COMP	GRAB	AIR							
WB5101	03-28	1135	X			Asbestos: (L)	(b) (6)	1	X			6-008406
WB5101	03-28	1130	X				(b) (6)	1	X			6-008407
WB5259602		1510	X				(b) (6)	1	X			6-008408
WB5259603		1515	X					1	X			6-008409
WB5259604		1520	X					1	X			6-008410
WB51022601		1655	X				(b) (6)	1	X			6-008411
WB5057		1600	X					1	X			6-008424
WB5057		1605	X					1	X			6-008425
WB5104601		1635	X				(b) (6)	1	X			6-008412
WB5104602		1640	X					1	X			6-008413
WB5104603		1645	X					1	X			6-008414
WB5104604		1650	X					1	X			6-008415
WB5104605		1655	X					1	X			6-008416
WB5104606		1700	X					1	X			6-008417

Relinquished By: (Signature) *[Signature]*

Relinquished By: (Signature) *[Signature]*

Relinquished By: (Signature)

Date/Time: 3/28 1800

Date/Time:

Date/Time:

Received By: (Signature)

Received By: (Signature)

Received For Laboratory By: (Signature)

Relinquished By: (Signature)

Relinquished By: (Signature)

Relinquished By: (Signature)

Date/Time

Date/Time

Date/Time

Received By: (Signature)

Received By: (Signature)

Received For Laboratory By: (Signature)

Ship Via: FedEx

BL/Airbill Number: 2806826805

Date: 03-28-97

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

\*See CONCENTRATION RANGE on back of form.

0571194

WB-00162



Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 02, 1997

Ref Number: TX971085

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 070601 WESTBANK ASBESTOS

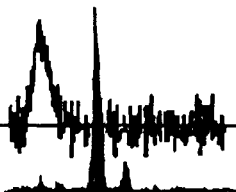
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS113G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS113G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS113G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS113G04		Brown Non-Fibrous Homogeneous	Teased		None Detected			100% Other
WBS290G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS104G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 02, 1997

Ref Number: TX971085

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 070601 WESTBANK ASBESTOS**

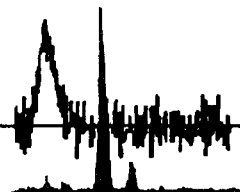
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS105G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite			100% Other
WBS105G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS605G01		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

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4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852

**International Specialists in the Environment**

# CHAIN-OF-CUSTODY RECORD

Page        of       [illegible]

**Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files**

\* See CONCENTRATION RANGE on back of form.

0571194

WB-00165

CONCENTRATION INFORMATION		
RANGE	EXPECTED CONCENTRATION RANGE	
	Liquid	Soil
L (Low)	0 – 50ppb	0 – 50ppm
M (Medium)	51 – 1000ppb	51 – 1000ppm
H (High)	> 1000ppb	> 1000ppm



**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 03, 1997

Ref Number: TX971101

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    NONFIBROUS
WBS100G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS100G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS103G01		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS103G02		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS103G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS115G01		Brown Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

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Analyst

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Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 03, 1997

Ref Number: TX971101

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS115G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS115G03		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS115G04		Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS115G05		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS115G06		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS106G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

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Thursday, April 03, 1997

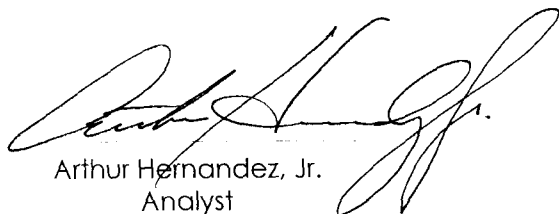
Ref Number: TX971101

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

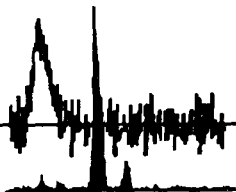
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
WBS106G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS106G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, " # of Layers" refers to number of separable subsamples.

  
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## Page 1 of 1

\*See CONCENTRATION RANGE on back of form.

WPB-00170

CONCENTRATION INFORMATION		
RANGE	EXPECTED CONCENTRATION RANGE	
	Liquid	Soil
L (Low)	0 – 50ppb	0 – 50ppm
M (Medium)	51 – 1000ppb	51 – 1000ppm
H (High)	> 1000ppb	> 1000ppm

Albuquerque, NJ 505-558-0800	Asheville, NJ 704-681-0888	Carle Place, NY 516-997-7251	Hampton, NY 718-399-0882	Seattle, WA 206-233-9807	Ann Arbor, MI 313-466-0010	San Mateo, CA 610-670-5401	Dayton, OH 937-233-0888	Wilmington, NC 910-297-1077	Houston, TX 713-666-3635
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, April 04, 1997

Ref Number: TX971121

*Entered  
4-24-97  
GST*

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
BS118G01	(b) (6)	Brown Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

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# Ecology and environment, inc.

Analytical Services Center  
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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX971121

Project No.: 020601		Project Name: West Bank Ashes		Project Manager: Troy Naguin	
Samplers: Barbara A. Storey		Field Team Leader: Barbara A. Storey			

STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS	PCM PLM										Ef
			COMP	GRAB	AIR				EXPECTED COMPOUNDS (Concentration)*										
WBA 605LE3	4-2	1010-1320			X	Asbestos (L)	(b) (6)	1	X									6-c	
WBA 605LE4		1010-1320			X			1	X									6-c	
WBA 605LE5		1010-1320			X			1	X									6-c	
WBA 605P3A		100-134			X			1	X									6-c	
WBA 605P4A		100-136			X			1	X									6-c	
WBA 605P5A		100-136			X			1	X									6-c	
WABL	✓	---			X	Blank	(b) (6)	1	X									6-0	
WBS 118G01	✓	1650	X			Asbestos (L)	(b) (6)	1	X									6-0	

Relinquished By: (Signature) Barbara A. Storey	Date/Time: 4-2 1800	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via: 1
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature) [Signature] 4:30 91.30	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	

Distribution: Original Accompanies Shipment. Copy to Coordinator Field File

\*See CONCENTRATION RANGE on back of form.

WB-00173

EMSL TEXAS

7136863645

04/04/1997 18:35



**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

**REC'D APR 14 1997** Friday, April 04, 1997

Ref Number: TX971123

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS    %    NONFIBROUS
WBS110G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile < 1% Crocidolite			100% Other
WBS110G02		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS605G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS605G02		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS605G03		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS605G04		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Lab. #	Placerville, CA	Carle Place, NY	Manhasset, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Bellevue, WA	Greenwood, MO	Evansville, IN
300-881-0808	916-887-7861	312-578-6882	206-231-6087	313-488-8818	415-578-6451	424-323-0000	918-237-1457	713-484-3806	

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, April 04, 1997

Ref Number: TX971123

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
ES112G01	(b) (6)	Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
BS111G01		Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
BS093G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
BS093G02		Brown Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Amosite		98% Other
BS093G03		Brown Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Amosite		98% Other
BS093G04		Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

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**International Specialists In the Environment**

## Page 1 of 1

057119

CONCENTRATION INFORMATION		
RANGE	EXPECTED CONCENTRATION RANGE	
	Liquid	Soil
L (Low)	0 – 50ppb	0 – 50ppm
M (Medium)	51 – 1000ppb	51 – 1000ppm
H (High)	> 1000ppb	> 1000ppm

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

REC'D APR 14 1997

Monday, April 07, 1997

Ref Number: TX971142

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS119G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	5%	Chrysotile		95% Other
WBS119G02		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS119G03		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS019G01		Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile		96% Other
WBS019G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS019G03		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
Analyst



Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 07, 1997


Ref Number: TX971142

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601 WESTBANK ASBESTOS**

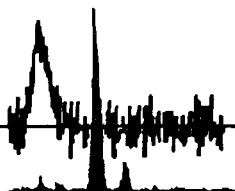
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS605G06	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS605G07		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS605G08		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite			98% Other
WBS605G09		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS605G10		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS116G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

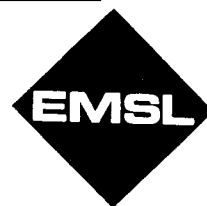
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 07, 1997


Ref Number: TX971142

## POLARIZED LIGHT MICROSCOPY (PLM)

**Project: 020601 WESTBANK ASBESTOS**

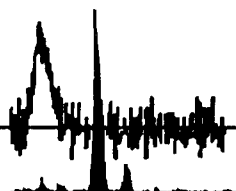
SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	NONFIBROUS
WBS117G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

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# ecology and environment, inc.

Analytical Services Center

4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852

International Specialists in the Environment

TX971142

## CHAIN-OF-CUSTODY RECORD

Project No.: 0201001		Project Name: Westbank Asbestos			Project Manager: Troy Naimin															
Samplers: (Signatures) Amanda [Signature]					Field Team Leader: Barbara Storey															
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CON-TAINERS	PLM											
			COMP	GRAB	AIR				EXPECTED COMPOUNDS (Concentration)*											
WBS 119601	04-03-97	1140	X			Asbestos (L)	(b) (6)	1	X											
WBS 119602	04-03-97	1150	X			↓	↓	1	X											
WBS 119603	04-03-97	1200	X			↓	↓	1	X											
WBS 019601	04-03-97		X			↓	↓	1	X											
WBS 019602	04-03-97		X			↓	↓	1	X											
WBS 019603	04-03-97		X			↓	↓	1	X											
WBS 605G06		1220	X			↓	↓	1	X											
WBS 605G07		1225	X			↓	↓	1	X											
WBS 605G08		1230	X			↓	↓	1	X											
WBS 605G09		1235	X			↓	↓	1	X											
WBS 605G10		1240	X			↓	↓	1	X											
WBS 116G01		11610	X			↓	↓	1	X											
WBS 117G01		11620	X			↓	↓	1	X											
Relinquished By: (Signature) Barbara Storey		Date/Time: 4-3-97 1800		Received By: (Signature) [Signature]		Date/Time: 4-4-97 18:00		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Ship Via: Fed						
Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Date/Time:		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		BL/Airbill No.						
Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		Date/Time:		Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		2806						

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

\*See CONCENTRATION RANGE on back of form.

WB-04/68

Westmont, NJ 908-354-4000 Piscataway, NJ 908-461-0500 Carlo Place, NY 516-387-7251 Manhattan, NY 212-230-0505 Seattle, WA 206-233-9087 Ann Arbor, MI 313-966-0818 San Mateo, CA 415-576-5481 Smyrna, GA 404-533-0888 Greensboro, NC 910-307-1487 Houston, TX 713-484-9535

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 09, 1997


Ref Number: TX971176

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS165G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS165G02		Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile < 1% Crocidolite		6% Other
WBS165G03		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS165G04		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS165G05		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other
WBS117G02		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

*Entered*  
3/25/98  
*GRS*

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





# ecology and environment, inc.

Analytical Services Center

4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852

International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX97117K

04/09/1997 16:42

7136863645

EMSL TEXAS

PAGE 03

Project No.: 020601		Project Name: Westbank Asbestos				Project Manager: Troy Naguin			
Samplers: (Signatures) <i>Therese Reed</i> <i>Alma Ritter</i> <i>1007 H. Allen</i>						Field Team Leader: Larry Roede			
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS	
			COMB	GRAB	AIR				
NBS165 G01	04-07 97	1200	X			Asbestos (L)	(b) (6)	1	
NBS165 G02	04-07 97	1210	X			↓	↓	1	
NBS165 G03	04-07 97	1205	X			↓	↓	1	
NBS165 G04	04-07 97	1220	X			↓	↓	1	
NBS165 G05	04-07 97	1215	X			↓	↓	1	
NBS117 G02	04-07 97	14:05	X			Asbestos (L)	(b) (6)	1	
<div style="display: flex; justify-content: space-between;"> <div><i>Alma Ritter</i></div> <div><i>Alma Ritter</i></div> </div>									
Relinquished By: (Signature) <i>Therese Reed</i>		Date/Time: 4/1/92 1810		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:	
Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:	
Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature) <i>Therese Reed</i>		Relinquished By: (Signature)		Date/Time:	
				Received For Laboratory By: (Signature)		Relinquished By: (Signature)		Date/Time:	
Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files See CONCENTRATION RANGE on back of form.									

WB-00164

280

Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY
415-253-4800	908-961-8560	518-887-7261	212-250-0062	203-233-9007	313-863-8818	415-870-5401	604-333-8088	910-327-1627	713-424-3636

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 09, 1997

Ref Number: TX971155

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
BS020G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
BS116G02		Brown Non-Fibrous Homogeneous	Teased		None Detected			100% Other
BS116G03		Brown Non-Fibrous Homogeneous	Teased		None Detected			100% Other
BS121G01		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			93% Other
BS121G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
BS121G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Entered  
4/10/97  
JRS

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either BEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY
603-4800	603-4800	603-4800	603-4800	603-4800	603-4800	603-4800	603-4800	603-4800	603-4800

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 09, 1997

Ref Number: TX971155

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
3S121G04	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
				< 1%	Crocidolite			
3S121G05		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
3S121G06		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
				< 1%	Crocidolite			
WBS118G02 3S117G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
3S118G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
3S020G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately.  
3. "N of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Entered  
3/27/98  
JLD

Approved  
Signatory

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# ecology and environment, inc.

Analytical Services Center  
4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852  
International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX971155

Project No.: 629601		Project Name: Westbank Asbestos			Project Manager: Troy Naquin			<div style="border: 1px solid black; width: 100px; height: 100px; transform: rotate(45deg); background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div>		
Samplers: (Signatures) [Signatures]		Field Team Leader: Barbara Storey								
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS		
			COMP	GRAB	AIR					
WBS 020501	4/4/97	0845	X			Asbestos (L)	(b) (6)	1	X	
WBS 116602	4/4/97	1145	X					1	X	
WBS 116603	4/4/97	1155	X					1	X	
WBS 121601		1340	X				(b) (6)	1	X	
WBS 121602		1345	X					1	X	
WBS 121603		1350	X					1	X	
WBS 121604		1355	X					1	X	
WBS 121605		1400	X					1	X	
WBS 121606		1405	X					1	X	
WBS 117602		1555	X				(b) (6)	1	X	
WBS 118603		1600	X					1	X	
WBS 020502		1635	X				(b) (6)	1	X	
Relinquished By: (Signature) [Signature]			Date/Time: 4/4/97 4:47			Received By: (Signature) [Signature]			Ship Via:	
Relinquished By: (Signature) [Signature]			Date/Time:			Received By: (Signature)			BL/Airbill #	
Relinquished By: (Signature)			Date/Time:			Received For Laboratory By: (Signature)			2806	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

\*See CONCENTRATION RANGE on back of form.

WB-00163

04/03/1997 08:54 7136863645

EMSL TEXAS

PAGE 04

Trenton, NJ	Providence, RI	Carle Place, NY	Manhasset, NY	Seaside, WA	Ann Arbor, MI	San Mateo, CA	San Jose, CA	Greensboro, NC	Dallas, TX
908-453-4800	401-451-4800	516-977-7251	212-290-9032	203-233-0807	313-968-0810	415-679-4401	408-233-0808	910-287-1487	713-496-3636

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 10, 1997

Ref Number: TX971187

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

*Entered 4-24-97 GSI*

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS167G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS167G02		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS167G03		Tan Non-Fibrous Homogeneous	Teased		2% Chrysotile		98% Other
WBS167G04		Tan Non-Fibrous Homogeneous	Teased		< 1% Chrysotile		100% Other
WBS022/023G01		Tan Non-Fibrous Homogeneous	Teased		2% Chrysotile < 1% Crocidolite		98% Other
WBS022/023G02		Tan Non-Fibrous Homogeneous	Teased		2% Chrysotile < 1% Crocidolite		98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Carlos D. Salinas  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westwood, NJ	Placerville, NJ	Carle Place, NY	Haubtus, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	San Jose, CA	Greenboro, NC	Houston, TX
609-858-0800	908-961-0550	516-997-7251	212-290-0852	206-233-9007	313-863-0810	415-679-6401	408-433-0800	910-297-1487	713-684-3635

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 10, 1997

Ref Number: TX971187

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS159G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS159G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS159G03		Tan Non-Fibrous Homogeneous	Teased		None Detected			100% Other
WBS113G05		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS084G01		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile < 1% Crocidolite			98% Other
WBS084G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

Carlos D. Salinas  
Analyst

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Wilmington, NJ	Placerville, NJ	Carle Place, NY	Manhasset, NY	Seattle, WA	App Arbor, MI	San Mateo, CA	Baryton, GA	Greensboro, NC	Houston, TX
800-954-4888	908-861-4828	516-977-7261	212-258-8882	206-229-9007	313-486-0810	415-876-5481	404-398-0888	910-297-1487	713-686-3645

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 10, 1997

Ref Number: TX971187

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS160G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS160G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS160G03		Tan Non-Fibrous Homogeneous	Teased		None Detected			100% Other
WBS160G04		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS160G05		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS120G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

Carlos D. Salinas  
Analyst

Approved  
Signatory

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# ecology and environment, inc.

Analytical Services Center  
4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852  
International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX 971186

Project No.: 020601		Project Name: Westbank Asbestos			Project Manager: Troy Naguin		PLM		
Samplers: (Signatures) <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>		Field Team Leader: Larry Roedl							
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS	
			COMB	GRAB	AIR				
WBS 167601	09-08-97	1045	X			Asbestos (L)	(b) (6)	1	
WBS 167602		1050	X					1	
WBS 167603		1055	X					1	
WBS 167604		1100	X					1	
WBS 0220000	4/16/97	1130	X				(b) (6)	1	
WBS 0220000		1135	X				(b) (6)	1	
WBS 159601		1210	X				(b) (6)	1	
WBS 159602		1215	X					1	
WBS 159603		1220	X					1	
WBS 113600		1310	X				(b) (6)	1	
WBS 084601		1435	X					1	
WBS 084602		1430	X					1	
WBS 162601		1515	X				(b) (6)	1	
WBS 162602		1525	X					1	
Relinquished By: (Signature) <i>[Signature]</i>		Date/Time: 7/8/97 1200		Relinquished By: (Signature) <i>[Signature]</i>		Date/Time: 7/8/97 9:00		Received By: (Signature) <i>[Signature]</i>	
Relinquished By: (Signature) <i>[Signature]</i>		Date/Time:		Received By: (Signature) <i>[Signature]</i>		Date/Time:		Received By: (Signature) <i>[Signature]</i>	
Relinquished By: (Signature) <i>[Signature]</i>		Date/Time:		Received For Laboratory By: (Signature) <i>[Signature]</i>		Date/Time:		Received For Laboratory By: (Signature) <i>[Signature]</i>	

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\*See CONCENTRATION RANGE on back of form.

WB-00166

04/10/1997 17:13

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EMSL TEXAS

PAGE 02





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## CHAIN-OF-CUSTODY RECORD

PAGE 03

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\*See CONCENTRATION RANGE on back of form.

WB-00167

Westland, NJ 800-353-4888	Rockaway, NJ 973-961-8888	Carle Place, NY 516-987-7251	Elizabeth, NY 212-238-0882	Seattle, WA 206-223-8887	Ann Arbor, MI 313-468-4810	San Mateo, CA 415-576-5481	San Jose, CA 408-282-8888	Brownsville, TX 512-327-1487	Houston, TX 713-998-9888
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, April 11, 1997

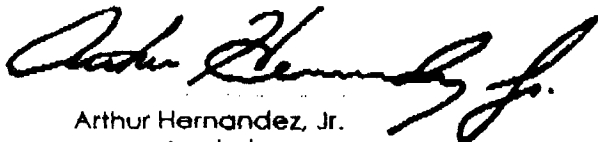
Ref Number: TX971193

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS173G01	(b) (6)	Brown	Teased	< 1%	Chrysotile			100% Other
		Non-Fibrous						
		Homogeneous						
WBS168G01		Brown	Teased	< 1%	Chrysotile			100% Other
		Non-Fibrous						
		Homogeneous						
WBS854		White	Teased	< 1%	Chrysotile			100% Other
		Non-Fibrous						
		Homogeneous						
WBS168G02	(b) (6)	Brown	Teased	< 1%	Chrysotile			100% Other
		Non-Fibrous						
		Homogeneous						
WBS169G01		Brown	Teased	< 1%	Chrysotile			100% Other
		Non-Fibrous						
		Homogeneous						
WBS169G02		Brown	Teased		None Detected			100% Other
		Non-Fibrous						
		Homogeneous						

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "Number of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westport, NJ	Paramaribo, NJ	Carle Place, NY	Manhattan, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Dayton, OH	Greensboro, NC	Seattle, TX
800-451-4888	800-851-8688	814-987-7251	212-328-8882	206-323-8077	313-485-8818	415-576-5481	604-323-8888	910-287-1487	713-886-9836

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Baton Rouge, LA 70816

Friday, April 11, 1997

Ref Number: TX971193

Entered  
4-24-97  
GSI

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS169G03	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS80G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS80G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS80G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS160G06		Brown Non-Fibrous Homogeneous	Teased	None Detected			100% Other
WBS022/023G03		Brown Fibrous Homogeneous	Teased	3% Chrysotile			97% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

*Arthur Hernandez Jr.*  
Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

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Westport, NJ	Providence, RI	Barle Flinn, NY	Manhattan, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Dayton, OH	Brownsville, NC	Beaumont, TX
800-964-4800	800-964-4800	816-887-7261	212-360-8882	206-222-9097	313-488-0810	415-478-4401	484-333-0800	810-307-1457	713-686-9886



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Friday, April 11, 1997

Ref Number: TX971193

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020801 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS022/023G0 4	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS022/023G0 5		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS022/023G0 6		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

Project No.: <b>020600</b>		Project Name: <b>Wosthank Asbestos</b>		Project Manager: <b>Troy Naguin</b>	
Samplers: (Signatures) <i>Alma Riera</i> <i>Scott Plummer</i>				Field Team Leader: <b>LARRY Reed</b>	

STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS
			COMP	GRAB	AIR			
WB5173 G01	4/9/97	10:00	X			Asbestos Low	(b) (6)	1
WB5174 G01	4/9/97	10:30	X					1
WB5175 G01	4/9/97	10:00	X	X				1
WB5176 G02	4/9/97	11:55	X					1
WB5177 G01	4/9/97	12:10	X					1
WB5178 G02	4/9/97	12:20	X					1
WB5179 G03	4/9/97	12:30	X					1
WB5180 G01	4/9/97	14:05	X			Asbestos Low	(b) (6)	1
WB5181 G02	4/9/97	14:25	X					1
WB5182 G03	4/9/97	14:20	X					1
WB5183 G06	4/9/97	15:05	X			Asbestos Low	(b) (6)	1

Relinquished By: (Signature) <i>Larry Reed</i>	Date/Time: 4/9/97 1:00	Received By: (Signature) <i>Alma Riera</i>	Date/Time: 4.10.97 8:30	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via:  BL/Airbill
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)		Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)		Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	

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WB-00174

04/11/1997

14:31

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ENGL TEXAS

PAGE 05

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

Page 2 of 2

Project No.: 020601		Project Name: Westbank Asbestos		Project Manager: Troy Naguin		REMARKS													
Samples # (Signatures): Alma Kelly				Field Team Leader: Larry Reed															
STATION NUMBER	DATE	TIME	SAMPLE TYPE			EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CON. TAINERS	PLM PCM										
			COMB	GRAB	AIR														
WB5021	4/1/97	15:50	X			Asbestos Low	(b) (6)	1	X									EPA Tag # 6-008889	4/9/97
WB5023	4/1/97	16:00	X					1	X									6-008494	
WB5024	4/1/97	16:10	X					1	X									6-008891	
WB5025	4/1/97	16:20	X					1	X									6-008890	EPA Tag
WB5026	4/1/97	16:30	X					1	X									7-00 327 x 2-630 = 859.6	6-008888
WB5027	4/1/97	16:40	X			Asbestos Low	(b) (6)	1	X									Time 327 x 2.706 = 884.8	6-008887
WB5028	4/1/97	16:50	X					1	X									114.8	6-008886
WB5029	4/1/97	17:00	X					1	X										
WB5030	4/1/97	17:10	X					1	X										
WB5031	4/1/97	17:20	X					1	X										
WB5032	4/1/97	17:30	X					1	X										
WB5033	4/1/97	17:40	X					1	X										
WB5034	4/1/97	17:50	X					1	X										
WB5035	4/1/97	18:00	X					1	X										
WB5036	4/1/97	18:10	X					1	X										
WB5037	4/1/97	18:20	X					1	X										
WB5038	4/1/97	18:30	X					1	X										
WB5039	4/1/97	18:40	X					1	X										
WB5040	4/1/97	18:50	X					1	X										
WB5041	4/1/97	19:00	X					1	X										
WB5042	4/1/97	19:10	X					1	X										
WB5043	4/1/97	19:20	X					1	X										
WB5044	4/1/97	19:30	X					1	X										
WB5045	4/1/97	19:40	X					1	X										
WB5046	4/1/97	19:50	X					1	X										
WB5047	4/1/97	20:00	X					1	X										
WB5048	4/1/97	20:10	X					1	X										
WB5049	4/1/97	20:20	X					1	X										
WB5050	4/1/97	20:30	X					1	X										
WB5051	4/1/97	20:40	X					1	X										
WB5052	4/1/97	20:50	X					1	X										
WB5053	4/1/97	21:00	X					1	X										
WB5054	4/1/97	21:10	X					1	X										
WB5055	4/1/97	21:20	X					1	X										
WB5056	4/1/97	21:30	X					1	X										
WB5057	4/1/97	21:40	X					1	X										
WB5058	4/1/97	21:50	X					1	X										
WB5059	4/1/97	22:00	X					1	X										
WB5060	4/1/97	22:10	X					1	X										
WB5061	4/1/97	22:20	X					1	X										
WB5062	4/1/97	22:30	X					1	X										
WB5063	4/1/97	22:40	X					1	X										
WB5064	4/1/97	22:50	X					1	X										
WB5065	4/1/97	23:00	X					1	X										
WB5066	4/1/97	23:10	X					1	X										
WB5067	4/1/97	23:20	X					1	X										
WB5068	4/1/97	23:30	X					1	X										
WB5069	4/1/97	23:40	X					1	X										
WB5070	4/1/97	23:50	X					1	X										
WB5071	4/1/97	00:00	X					1	X										
WB5072	4/1/97	00:10	X					1	X										
WB5073	4/1/97	00:20	X					1	X										
WB5074	4/1/97	00:30	X					1	X										
WB5075	4/1/97	00:40	X					1	X										
WB5076	4/1/97	00:50	X					1	X										
WB5077	4/1/97	01:00	X					1	X										
WB5078	4/1/97	01:10	X					1	X										
WB5079	4/1/97	01:20	X					1	X										
WB5080	4/1/97	01:30	X					1	X										
WB5081	4/1/97	01:40	X					1	X										
WB5082	4/1/97	01:50	X					1	X										
WB5083	4/1/97	02:00	X					1	X										
WB5084	4/1/97	02:10	X					1	X										
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WB5086	4/1/97	02:30	X					1	X										
WB5087	4/1/97	02:40	X					1	X										
WB5088	4/1/97	02:50	X					1	X										
WB5089	4/1/97	03:00	X					1	X										
WB5090	4/1/97	03:10	X					1	X										
WB5091	4/1/97	03:20	X					1	X										
WB5092	4/1/97	03:30	X					1	X										
WB5093	4/1/97	03:40	X					1	X										
WB5094	4/1/97	03:50	X					1	X										
WB5095	4/1/97	04:00	X					1	X										
WB5096	4/1/97	04:10	X					1	X										
WB5097	4/1/97	04:20	X					1	X										
WB5098	4/1/97	04:30	X					1	X										
WB5099	4/1/97	04:40	X					1	X										
WB5100	4/1/97	04:50	X					1	X										
WB5101	4/1/97	05:00	X					1	X										
WB5102	4/1/97	05:10	X					1	X										
WB5103	4/1/97	05:20	X					1	X										
WB5104	4/1/97	05:30	X					1	X										
WB5105	4/1/97	05:40	X					1	X										
WB5106	4/1/97	05:50	X					1	X										
WB5107	4/1/97	06:00	X					1	X										
WB5108	4/1/97	06:10	X					1	X										
WB5109	4/1/97	06:20	X					1	X										
WB5110	4/1/97	06:30	X					1	X										
WB5111	4/1/97	06:40	X					1	X										
WB5112	4/1/97	06:50	X					1	X										
WB5113	4/1/97	07:00	X					1	X										
WB5114	4/1/97	07:10	X					1	X										
WB5115	4/1/97	07:20	X					1	X										
WB5116	4/1/97	07:30	X					1	X										
WB5117	4/1/97	07:40	X					1	X										
WB5118	4/1/97	07:50	X					1	X										
WB5119	4/1/97	08:00	X					1	X										
WB5120	4/1/97	08:10	X					1	X										
WB5121	4/1/97	08:20	X					1	X										
WB5122	4/1/97	08:30	X					1	X										
WB5123	4/1/97	08:40	X					1	X										
WB5124	4/1/97	08:50	X					1	X										
WB5125	4/1/97	09:00	X					1	X										
WB5126	4/1/97	09:10	X					1	X										
WB5127	4/1/97	09:20	X					1	X										
WB5128	4/1/97	09:30	X					1	X										
WB5129	4/1/97	09:40	X					1	X										
WB5130	4/1/97	09:50	X					1	X</										

Wichita, KS	Petaluma, CA	Clark, PA	Washington, DC	Seattle, WA	Ann Arbor, MI	San Mateo, CA	San Jose, CA	Greensboro, NC	Boston, TX
608-553-4888	805-361-8550	610-897-7351	212-739-4882	206-223-0807	313-968-4810	415-879-6491	408-333-0888	910-287-1487	713-886-3688

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 14, 1997


Ref Number: TX971223

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS176G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS176G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS176G03		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS170G01		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS170G02		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS170G03		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Westport, NJ 908-944-4880	Placerville, NJ 908-961-0000	Carle Place, NY 516-807-7351	Manhattan, NY 212-285-0882	Seattle, WA 206-233-0007	Los Angeles, CA 310-400-0010	San Mateo, CA 415-870-4401	Smyrna, GA 404-233-0000	Greensboro, NC 910-237-1487	Houston, TX 713-480-3030
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**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 14, 1997


Ref Number: TX971223

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS076G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS076G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



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## International Socialists in the Environment

## CHAIN-OF-CUSTODY RECORD

WB-00185

New Jersey, NJ	Piscataway, NJ	Corle Place, NY	Manhasset, NY	Seattle, WA	San Arter, MI	San Mateo, CA	Savannah, GA	Greensboro, NC	Bozeman, MT
908-421-0000	908-421-0000	516-887-7361	212-230-9000	206-331-0007	313-460-0010	415-570-5001	404-333-0000	910-297-1007	712-286-5000

**EMSL**

**Ecology & Environment, Inc.**  
 11550 Newcastle Ave. #250  
 Baton Rouge, LA 70816

Tuesday, April 15, 1997

Ref Number: TX971241

**POLARIZED LIGHT MICROSCOPY (PLM)**

✓ = entered in  
 database

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
✓ 33022/023G0	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
✓ 33022/023G0		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
✓ BS170G03		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
 Analyst

Approve  
 Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



# Ecology and environment, inc.

Analytical Services Center

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: <u>620601</u>		Project Name: <u>Westlake Asbestos</u>		Project Manager: <u>Troy Naguin</u>		<div style="text-align: center;">REMARKS</div> <div style="text-align: right;">EPA Tag # 6-008850 6-008831 6-008832</div>									
Samplers: (Signatures) <u>Alm P. V. Lamm, Rudy</u>				Field Team Leader: <u>Larry Reed</u>											
STATION NUMBER		DATE	TIME	SAMPLE TYPE COMP GRAB AIR											
<u>WES 12102500</u>		<u>4/11/97</u>	<u>1420</u>	<u>X</u>											
<u>WES 12102500</u>		<u>4/11/97</u>	<u>1425</u>	<u>X</u>											
<u>WES 12102500</u>		<u>4/11/97</u>	<u>1445</u>	<u>X</u>											
<div style="display: flex; justify-content: space-around;"><div><u>[Signature]</u></div><div><u>[Signature]</u></div></div>															
Relinquished By: (Signature) <u>[Signature]</u>		Date/Time: <u>4/11/97 1300</u>		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Ship Via: <u>FedEx</u>			
Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		BL/Airbill Number: <u>2252235285</u>			
Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		Date: <u>4/11/97</u>			

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

\*See CONCENTRATION RANGE on back of form.

0571194

WB-00176

Westbury, NJ	Placerville, NJ	Curie Place, NY	Washington, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Dayton, OH	Greensboro, NC	Houston, TX
800-525-4000	908-941-0000	516-997-7001	212-294-8882	206-333-9807	313-966-0610	415-670-6401	937-333-8888	910-397-1457	713-686-3005

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 16, 1997


Ref Number: TX971263

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBB548G01	(b) (6)	Grey Fibrous Homogeneous	Teased	25%	Chrysotile		75% Other
WBB548G02		Tan Fibrous Homogeneous	Teased	35%	Chrysotile 2% Crocidolite		63% Other
WBB547G01		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBB547G02		Grey Fibrous Homogeneous	Teased	40%	Chrysotile 2% Crocidolite		58% Other
WBB547G03		Grey Fibrous Homogeneous	Teased	45%	Chrysotile < 1% Crocidolite		55% Other
WBB547G04		Grey Fibrous Homogeneous	Teased	22%	Chrysotile < 1% Crocidolite		78% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

Entered  
4/17/97

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westwood, NJ	Piscataway, NJ	Carle Place, NY	Stamilton, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Dayton, OH	Greensboro, NC	Beaumont, TX
800-850-0800	908-481-0800	516-897-7261	212-236-0800	206-233-0807	313-968-8810	415-879-5401	404-333-0800	910-337-1457	713-894-0800

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 16, 1997

Ref Number: TX971263

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBB547G05	(b) (6)	Grey Non-Fibrous Homogeneous	Teased	4%	Chrysotile		96% Other
WBB854G01		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBB854G02		Grey Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBB854G03		Grey Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBB990G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBB918G01		Grey Fibrous Homogeneous	Teased	35%	Chrysotile		65% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.



Carlos D. Salinas  
Analyst

Approved  
Signatory

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX971263

Project No.: B20601 RAG:			Project Name: Westbank Asbestos			Project Manager: Troy Naquin			PLM			
Samplers: (Signatures) Lawrence Road			Field Team Leader: Larry Roedl									
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS				
			COMP	GRAB	AIR							
EXPECTED COMPOUNDS (Concentration)*												
WB8 547601	04-12 97	1020		X		Asbestos (L)	(b) (6)	1	X			
WB8 547602	↓	1030		X		"	(b) (6)	1	X			
WB8 547601	04-12 97	1032		X		↓	(b) (6)	1	X			
WB8 547602	↓	1037		X		↓	(b) (6)	1	X			
WB8 547603	↓	1042		X		↓	(b) (6)	1	X			
WB8 547604	↓	1047		X		↓	(b) (6)	1	X			
WB8 547605	↓	1052		X		↓	(b) (6)	1	X			
WB8 854601	04-12 97	1115		X		↓	(b) (6)	1	X			
WB8 854602	↓	1120		X		↓	(b) (6)	1	X			
WB8 854603	↓	1125		X		↓	(b) (6)	1	X			
WB8 918601	04-12 97	1148		X		↓	(b) (6)	1	X			
WB8 918602	↓	1158		X		↓	(b) (6)	1	X			
Relinquished By: (Signature) <i>Lawrence Road</i> Date/Time: 4/14/97 12:30 Received By: (Signature) <i>John P. ...</i> 4-15-97 8:30												
Relinquished By: (Signature) Date/Time: Received By: (Signature)												
Relinquished By: (Signature) Date/Time: Received For Laboratory By: (Signature)												
Relinquished By: (Signature) Date/Time: Received For Laboratory By: (Signature)												
Ship Via: FE BL/Airbill No. 225												

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files  
\*See CONCENTRATION RANGE on back of form.

WB 00178

04/16/1997

14:58

7136863645

EMSL TEXAS

PAGE 04



*Entered 4-17-97 GST*

Westchester, NJ 914-665-6666	Piscataway, NJ 908-941-6666	Carle Place, NY 516-997-7763	Manhasset, NY 212-260-6962	Seattle, WA 206-233-6007	Andover, MA 313-988-9910	San Mateo, CA 415-678-6401	Smyrna, GA 404-333-8888	Greensboro, NC 919-387-1487	Boston, TX 713-486-3636
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 16, 1997

Ref Number: TX971264

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS408G06	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS062G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS171G01		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS158G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS158G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS158G04		Brown Non-Fibrous Homogeneous	Teased		None Detected		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

*Arthur Hernandez, Jr.*  
Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

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Wilmington, NJ 800-855-0898	Manassas, NJ 800-361-1858	Carle Place, NY 516-937-7351	Manhattan, NY 212-280-0882	Seattle, WA 206-333-9877	Ann Arbor, MI 313-486-4818	San Mateo, CA 415-279-4401	San Jose, CA 408-283-0800	Greensboro, NC 919-387-1407	Albany, NY 518-486-3636
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 16, 1997

Ref Number: TX971264

**POLARIZED LIGHT MICROSCOPY (PLM)****Project: 020801RAGI WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS168005	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile	100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

# ecology and environment, inc.

Analytical Services Center

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX971264

Object No.: 2640 RAG1	Project Name: Westbank Asbestos	Project Manager: Troy Naguin
Implics: (Signatures) M. T. [Signature] Lawrence R. [Signature]		Field Team Leader: Larry Reed

ACTION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS	PLM									
			COMP	GRAB	AIR													
55408	01-14-97	1020	X			Asbestos (L)	(b) (6)	1	X									6-
55409	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55410	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55411	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55412	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55413	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55414	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55415	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55416	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55417	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55418	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55419	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55420	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55421	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55422	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55423	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55424	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55425	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55426	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55427	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55428	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55429	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55430	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55431	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55432	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55433	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55434	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55435	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55436	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55437	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55438	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55439	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55440	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55441	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55442	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55443	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55444	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55445	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55446	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55447	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55448	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55449	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55450	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55451	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55452	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55453	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55454	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55455	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55456	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55457	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55458	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55459	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55460	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55461	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55462	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55463	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55464	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55465	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55466	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55467	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55468	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55469	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55470	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55471	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55472	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55473	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55474	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55475	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55476	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55477	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55478	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55479	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55480	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55481	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55482	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55483	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55484	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55485	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55486	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55487	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55488	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55489	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55490	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55491	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55492	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55493	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55494	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55495	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55496	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55497	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55498	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55499	01-14-97	1020	X			↓	(b) (6)	1	X									6-
55500	01-14-97	1020	X			↓	(b) (6)	1	X									6-

Relinquished By: (Signature) M. T. [Signature]	Date/Time: 01-14-97 1530	Received By: (Signature) [Signature]	Date/Time: 4-15-97 8:30	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via: Fed
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Date/Time:	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	BL/Airbill No.
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Date/Time:	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	2252

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WB44180

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 17, 1997

Ref Number: TX971275

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601RAGI WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS171G02	(b) (6)	Brown Fibrous Homogeneous	Teased	20% Chrysotile < 1% Crocidolite				80% Other
WBS171G03		Brown Fibrous Homogeneous	Teased	40% Chrysotile				60% Other
WBS164G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS164G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile				98% Other
WBS164G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS174G01		Brown Fibrous Homogeneous	Teased	4% Chrysotile				96% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Thursday, April 17, 1997

Ref Number: TX971275

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		% FIBROUS	% NONFIBROUS
WBS174G02	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS174G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS863G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBB166G01		White Non-Fibrous Homogeneous	Teased		None Detected			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



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CHAIN-OF-CUSTODY RECORD

TX971275

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WB-00177

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, April 18, 1997


Ref Number: TX971289

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAGI WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS085G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS085G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS085G03		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS085G04		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS085G05		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS163G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.





**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, April 18, 1997


Ref Number: TX971289

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601RAGI WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	<u>ASBESTOS</u>		<u>NONASBESTOS</u>		
				%	TYPE	%	FIBROUS	% NONFIBROUS
WBS484G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS484G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS484G03		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS484G04		Tan Non-Fibrous Homogeneous	Teased		None Detected			100% Other
WBS484G05		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS484G06		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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Manhattan, NY  
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203-233-9007

Ann Arbor, MI  
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San Mateo, CA  
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713-686-3635

**EMSL**

**Ecology & Environment, Inc.**  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Friday, April 18, 1997


Ref Number: TX971289

**POLARIZED LIGHT MICROSCOPY (PLM)**

**Project: 020601RAGI WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS631G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS631G02		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS631G03		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS631G04		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

  
Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



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Analytical Services Center

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX9

Project No.: 070601RA		Project Name: Westbank Asbestos				Project Manager: Troy Naquin				<div style="border: 1px solid black; padding: 5px;"> </div>																									
Samplers: (Signatures) Mary Ann Lamm, Rodolfo Maggioni						Field Team Leader: Lamybed																													
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS	<div style="border: 1px solid black; padding: 5px;"> </div>																										
			COMP	GRAB	AIR																														
EXPECTED COMPOUNDS (Concentration) *																																			
WB5085 G01	4-16-97	1005	X			Asbestos (L)	(b) (6)	1	X																										
WB5085 G02		1010	X					1	X																										
WB5085 G03		1020	X					1	X																										
WB5085 G04		1025	X					1	X																										
WB5085 G05		1030	X					1	X																										
WB5163 G01		1355	X				(b) (6)	1	X																										
WB5454 G01		1540	X					1	X																										
WB5454 G02		1600	X					1	X																										
WB5454 G03		1555	X					1	X																										
WB5454 G04		1550	X					1	X																										
WB5454 G05		1545	X					1	X																										
WB5454 G06		1535	X					1	X																										
WB5631 G01		1615	X				(b) (6)	1	X																										
WB5631 G02		1620	X					1	X																										
Relinquished By: (Signature) Maggioni			Date/Time: 4/16/97 1500			Received By: (Signature) [Signature]			Date/Time: 4/17/97 9:00			Relinquished By: (Signature)			Date/Time:			Received By: (Signature)			Date/Time:			Received By: (Signature)			Ship Via: Fed								
Relinquished By: (Signature)			Date/Time:			Received By: (Signature)			Date/Time:			Relinquished By: (Signature)			Date/Time:			Received By: (Signature)			Date/Time:			Received For Laboratory By: (Signature)			Date/Time:			Received For Laboratory By: (Signature)			BL/Airbill N		
Relinquished By: (Signature)			Date/Time:			Received For Laboratory By: (Signature)			Date/Time:			Relinquished By: (Signature)			Date/Time:			Received For Laboratory By: (Signature)			Date/Time:			Received For Laboratory By: (Signature)			Date/Time:			225					

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\* See CONCENTRATION RANGE on back of form.

WB-00181



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## CHAIN-OF-CUSTODY RECORD

Project No.: 020601		Project Name: Westbank Asbestos				Project Manager: Troy Nagurn				<div>PLM</div>			
Samples: (Signatures) Lawrence Reed, Craig H. Carter						Field Team Leader: Larry Roehl							
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS					
			COMP	GRAB	AIR				EXPECTED COMPOUNDS (Concentration)*				
WB5631 603	04-16 97	16:30	X			Asbestos (C)	(b) (6)	1	X				
WB5631 604	↓	16:45	X			↓ ↓	↓ ↓	1	X				
<div>Lawrence Reed</div>													
Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Ship Via:	
Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		BL/Airbill to:	
Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		225	

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WB-00182

Westmont, NJ 908-658-4800    Piscataway, NJ 908-981-0800    Carlo Place, NY 516-867-7251    Manhattan, NY 212-290-0862    Seattle, WA 206-233-9007    Ann Arbor, MI 313-968-6810    San Mateo, CA 415-670-5401    Smyrna, GA 404-333-0000    Greensboro, NC 919-297-1407    Houston, TX 713-688-3635

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 23, 1997

Ref Number: TX971356

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS163G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS163G03		Brown Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS156G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS156G02		Brown Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Crocidolite		98% Other

ENTERED  
4/30/97  
HRS

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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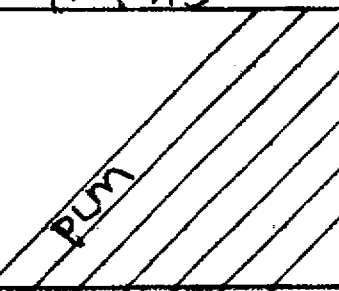
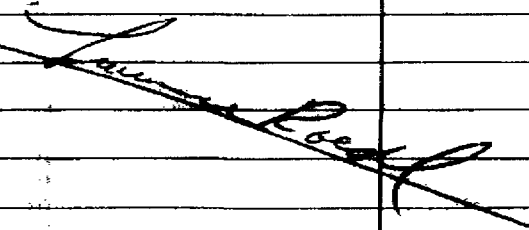
Analytical Services Center

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International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

TX971356

Project No.: <u>026601</u>		Project Name: <u>Westbank Asbestos</u>		Project Manager: <u>Troy Naquin</u>									
Samples: (Signatures) <u>Laurence Reed</u>		Field Team Leader: <u>Larry Reed</u>		<div style="text-align: center;">  </div>									
STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS					
			COMB						GRAB	AIR			
EXPECTED COMPOUNDS (Concentration)*													
<u>026601-1</u>	<u>4/11/97</u>	<u>1124</u>	<u>X</u>					<u>Asbestos (L)</u>	<u>(b) (6)</u>	<u>1</u>	<u>X</u>		
<u>026601-2</u>	<u>↓</u>	<u>1130</u>	<u>X</u>			<u>↓</u>	<u>(b) (6)</u>	<u>1</u>	<u>X</u>				
<u>026601-3</u>	<u>↓</u>	<u>1430</u>	<u>X</u>			<u>↓</u>	<u>(b) (6)</u>	<u>1</u>	<u>X</u>				
<u>026601-4</u>	<u>↓</u>	<u>1435</u>	<u>X</u>			<u>↓</u>	<u>(b) (6)</u>	<u>1</u>	<u>X</u>				
													
Relinquished By: (Signature) <u>Laurence Reed</u>		Date/Time: <u>4/11/97 18:00</u>		Received By: (Signature) <u>[Signature]</u>		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Ship Via: <u>Fed</u>	
Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		Relinquished By: (Signature)		Date/Time:		Received By: (Signature)		BL/Airbill	
Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature) <u>[Signature]</u>		Relinquished By: (Signature)		Date/Time:		Received For Laboratory By: (Signature)		22'	

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Page 1 of 1

REMARKS

6-008916

6-008915

6-008908

6-008975

*Handwritten:*  
Randy

EX

Number: 52235241

Date: 04-17-97

0571194

WB-00183



Westport, NJ 908-864-4880	Plainsboro, NJ 908-861-0648	Carle Place, NY 516-397-7251	Manhasset, NY 212-288-8882	Seattle, WA 206-233-9887	Ann Arbor, MI 313-995-4818	San Mateo, CA 415-476-6481	Spring, TX 281-288-8884	Wichita, KS 316-397-1487	Waco, TX 713-686-3645
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Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 23, 1997

Ref Number: TX971357

**EMSL**

# **POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS1120G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS1120G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS156G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS156G04		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS635G01		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS092G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

ENTERED  
4/30/97  
JED

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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 Placerville, NJ 900-861-4600   
 Carlo Place, NY 816-987-7251   
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 Brookings, SC 816-287-1007   
 Bismarck, ND 713-686-0000



Ecology & Environment, Inc.  
 11550 Newcastle Ave. #250  
 Baton Rouge, LA 70816

Wednesday, April 23, 1997


Ref Number: TX971357

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS NONFIBROUS
WBS092G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS092G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS635G02		Tan Non-Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Crocidolite		98% Other
WBS635G03		Tan Non-Fibrous Homogeneous	Teased	2% < 1%	Chrysotile Crocidolite		98% Other
WBS635G04		Tan Non-Fibrous Homogeneous	Teased	< 1% < 1%	Chrysotile Crocidolite		100% Other
WBS635G05		Grey Non-Fibrous Homogeneous	Teased	< 1% < 1%	Chrysotile Crocidolite		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
 Carlos D. Salinas  
 Analyst

ENTERED  
 4/30/97  
 KRD

Approved  
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ	Plainfield, NJ	Clark Place, NY	Manassas, VA	Seattle, WA	San Arter, MI	San Mateo, CA	Spring, GA	Greensboro, NC	Knoxville, TN
908-944-4888	908-881-8548	516-887-7351	212-380-9855	206-223-9087	313-488-6816	415-879-6481	404-328-0888	919-287-1487	713-886-9635

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 23, 1997

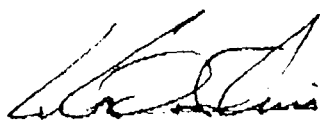
Ref Number: TX971357

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020801 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	% FIBROUS	% NONFIBROUS
WBS635G06	(b) (6)	Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS635G07		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS812G01		Tan Non-Fibrous Homogeneous	Teased		None Detected		100% Other
WBS180G01		Tan Non-Fibrous Homogeneous	Teased		2% Chrysotile < 1% Crocidolite		98% Other
WBS180G02		Tan Non-Fibrous Homogeneous	Teased		4% Chrysotile < 1% Crocidolite		96% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

Entered  
4/30/97  
gls

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. These negative PLM results cannot be guaranteed. Floor tiles and pipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by EMSL, nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

# ecology and environment, inc.

Analytical Services Center

4493 Walden Avenue, Lancaster, New York, 14086, Tel. 716/685-8080, Fax 716/685-0852

International Specialists in the Environment

## CHAIN-OF-CUSTODY RECORD

Project No.: <b>07-18-97</b>		Project Name: <b>Westbank Asbestos</b>			Project Manager: <b>Troy Naguin</b>	
Samplers: (Signatures) <b>Maggie Lin</b> <b>Mary T. [Signature]</b>			Field Team Leader: <b>Maggie Lin</b>			

STATION NUMBER	DATE	TIME	SAMPLE TYPE			SAMPLE INFORMATION	STATION LOCATION	NUMBER OF CONTAINERS
			COMB	GRAB	AIR			
WB1120 G01	04-18-97	1025	X			Asbestos (L)	(b) (6)	1
WB1120 G02	↓	1030	X			↓	↓	1
WB1120 G03	↓	1055	X			↓	(b) (6)	1
WB1120 G04	↓	1100	X			↓	↓	1
WB1120 G05		1230	X			Asbestos (L)	(b) (6)	1
WB1120 G01		1220	X			↓	↓	1
WB1120 G02		1232	X			↓	↓	1
WB1120 G03		1226	X			↓	↓	1
WB1120 G04		1235	X			↓	↓	1
WB1120 G05		1240	X			↓	↓	1
WB1120 G01		1245	X			↓	↓	1
WB1120 G02		1250	X			↓	↓	1
WB1120 G03		1255	X			↓	↓	1
WB1120 G04		1300	X			↓	↓	1
WB1120 G05		1305	X			↓	↓	1
WB1120 G01		1310	X			↓	↓	1
WB1120 G02		1315	X			↓	↓	1
WB1120 G03		1320	X			↓	↓	1
WB1120 G04		1325	X			↓	↓	1
WB1120 G05		1330	X			↓	↓	1
WB1120 G01		1335	X			↓	↓	1
WB1120 G02		1340	X			↓	↓	1
WB1120 G03		1345	X			↓	↓	1
WB1120 G04		1350	X			↓	↓	1
WB1120 G05		1355	X			↓	↓	1
WB1120 G01		1400	X			↓	↓	1
WB1120 G02		1405	X			↓	↓	1
WB1120 G03		1410	X			↓	↓	1
WB1120 G04		1415	X			↓	↓	1
WB1120 G05		1420	X			↓	↓	1

Relinquished By: (Signature) <b>Maggie Lin</b>	Date/Time: <b>04-18-97 1300</b>	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship V: <b>F</b>
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	BL/Arr: <b>22</b>
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature) <b>Maggie Lin</b> <b>4:28:47</b>	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

\*See CONCENTRATION RANGE on back of form.

REMARKS

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Date:

04-18-97

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PAGE 07

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Westport, NJ 201-952-0980	Florham Park, NJ 908-881-4654	Carle Place, NY 516-967-7351	Massachusetts, NY 212-294-0062	Seattle, WA 206-253-9047	Ann Arbor, MI 313-468-0510	San Mateo, CA 415-578-5481	San Jose, CA 408-233-8000	Greensboro, NC 910-227-1487	Houston, TX 713-868-3634
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 23, 1997

Ref Number: TX971376

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 02060RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS179G01	(b) (6)	Brown Fibrous Homogeneous	Teased	2% Chrysotile < 1% Crocidolite			98% Other
WBS179G02		Brown Fibrous Homogeneous	Teased	2% Chrysotile			98% Other
WBS179G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS813G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS813G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other
WBS813G04 6103 ml 4-24-97		Tan Non-Fibrous Homogeneous	Teased	< 1% Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

ENTERED  
4/30/97  
JED

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



Westwood, NJ 908-858-8808	Placerville, NJ 908-851-8858	Carle Place, NY 516-887-7261	Manhasset, NY 516-288-8858	Seattle, WA 206-233-8087	Ann Arbor, MI 313-865-8810	San Mateo, CA 415-879-8481	San Jose, CA 408-283-8888	Greensboro, NC 919-287-1487	Houston, TX 713-886-3636
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Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Wednesday, April 23, 1997

Ref Number: TX971376

**EMSL**

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 02060RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS022G01R	022/023: RESAMPLE	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other
WBS022G02R	022/023: RESAMPLE	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile Crocidolite		100% Other
WBS021G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

OFFICIAL  
CHAIN OF CUSTODY RECORD

TX971376

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
02-060 RAC		WOS bank Asbestos		PUMAsbestos			
SAMPLERS: (Signature)							
Amadeo Long / Barbara A. Storey							
STA. NO.	DATE	TIME	COMB	GRAB	STATION LOCATION	EPA Tag #	
WBS179 G01	04-21-97	1100	X		(b) (6)	X	6-008998
WBS179 G02	04-21-97	1110	X		(b) (6)	X	6-008999
WBS179 G03	04-21-97	1120	X		(b) (6)	X	6-009000
WBS183 G01		1515	X		(b) (6)	X	6-008937
WBS183 G02		1525	X		(b) (6)	X	6-008938
WBS183 G03		1530	X		(b) (6)	X	6-008939
WBS 0226012		1640	X		#0226012: Resample	X	6-008941
WBS 0226012		1645	X		(b) (6)	X	6-008942
WBS021 G01	04-21-97	1630	X		(b) (6)	X	6-008940
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
Barbara A. Storey		4-21-97 1800					
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time	
				H-2397 Shirley Cling			
Shipped by:		Airbill Number:		Remarks			
				FedEx: 2252236033			

Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;  
Green to Report; Yellow Returns with Warrant

Westwood, NJ 908-858-4800	Placerville, NJ 908-961-0660	Carle Place, NY 516-987-7261	Mahwah, NY 212-398-0862	Seattle, WA 206-233-9007	Ann Arbor, MI 313-488-0610	San Mateo, CA 415-878-4481	Dayton, OH 937-233-0884	Brownsville, TX 916-297-1487	Houston, TX 713-684-3636
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816


Friday, April 25, 1997

Ref Number: TX971390

**POLARIZED LIGHT MICROSCOPY (PLM)****Project: 020601 RAG1 WESTBANK ASBESTOS**

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS153 G01	(b) (6)	Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS153 G02		Tan Non-Fibrous Homogeneous	Teased	2%	Chrysotile		98% Other
WBS179 G04		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS986 G01		Tan Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile < 1% Crocidolite		100% Other
WBS986 G02		Tan Non-Fibrous Homogeneous	Teased	4%	Chrysotile < 1% Crocidolite		96% Other
WBS986 G03		Tan Fibrous Homogeneous	Teased	10%	Chrysotile 2% Crocidolite		88% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

  
Carlos D. Salinas  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

## OFFICIAL CHAIN OF CUSTODY RECORD

TX971390

EPA Tag #

6-008997

6-008996

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6-008945

10-008941

Fed Ex Airbill #2252236114

PAN: 020601RAXX

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Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY	Albany, NY
518-552-6300	518-552-6300	518-552-6300	518-552-6300	518-552-6300	518-552-6300	518-552-6300	518-552-6300	518-552-6300

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 28, 1997

Ref Number: TX971402

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS74TG01	(b) (6)	Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS74TG02		Brown Fibrous Homogeneous	Teased	2%	Chrysotile			98% Other
WBS172G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS172G04		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS172G05		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
WBS174G04		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

ENTERED  
4-28-97  
jes

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wall paper should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ 909 358 0900	Florham Park, NJ 908 981 0550	Carle Place, NY 516 997 7251	Madison, NY 212 396 8862	Seattle, WA 206 253 9077	Ann Arbor, MI 313 996 4818	San Mateo, CA 415 879 6401	Mayme, GA 404 336 0800	Greensboro, NC 919 287 1487	Beacon, TX 713 466 3835
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**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 28, 1997

Ref Number: TX971402

# **POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS % NONFIBROUS
WBS172G01	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS172G02		Brown Fibrous Homogeneous	Teased	3%	Chrysotile		97% Other
WBS178G01		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS178G02		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS178G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS178G04		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

ENTERED  
4/28/97

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either BEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ	Piscataway, NJ	Clark Place, NY	Manhattan, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Smyrna, GA	Greensboro, NC	Houston, TX
609-538-4808	908-961-0650	514-897-7251	212-238-0852	206-233-9007	313-889-8818	415-876-8401	404-333-8888	910-297-1487	713-886-3636

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 28, 1997

Ref Number: TX971402

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS			
				%	TYPE	%	FIBROUS	%	NONFIBROUS
WBS178G05	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100%	Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "No. of Layers" refers to number of separable subsamples.

Arthur Hernandez, Jr.  
Analyst

ENTERED  
4/28/97

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.



**OFFICIAL  
CHAIN OF CUSTODY RECORD**

TX971402

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
0210101		Westbank Asbestos		1		ALM (Asbestos)	
SAMPLERS: (Signature)							
Maggie Ann Miranda Romo							
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		
WBS 747621	4-23-97	1020	X		(b) (6)	X	6-008947
WBS 747	↓	1030	X		(b) (6)	X	6-008948
WBS 747623	↓	1040	X		(b) (6)	X	6-008949
WBS 747624	↓	1050	X		(b) (6)	X	6-008950
WBS 747625	↓	1100	X		(b) (6)	X	6-008951
WBS 747626	↓	1110	X		(b) (6)	X	6-008851
WBS 747627	↓	1120	X		(b) (6)	X	6-008953
WBS 747628	↓	1130	X		(b) (6)	X	6-008959
WBS 747629	↓	1140	X		(b) (6)	X	6-008960
WBS 747630	↓	1150	X		(b) (6)	X	6-008961
WBS 747631	↓	1200	X		(b) (6)	X	6-008962
WBS 747632	↓	1210	X		(b) (6)	X	6-008963
WBS 747633	↓	1220	X		(b) (6)	X	6-008964
Relinquished by: (Signature)				Date / Time		Received by: (Signature)	
Barbara Storg				4-23-97 1:30			
Relinquished by: (Signature)				Date / Time		Received by: (Signature)	
Relinquished by: (Signature)				Date / Time		Received by: (Signature)	
Relinquished by: (Signature)				Date / Time		Received by: (Signature)	
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Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;				Remarks		Fed Ex 2252236044	

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PAGE 57



Wilmington, NC	Parsippany, NJ	Carle Place, NY	Manhasset, NY	Seattle, WA	San Arter, CA	San Mateo, CA	Savannah, GA	Greenwich, NJ	Yonkers, NY
609-458-4500	908-961-0660	516-897-7251	212-580-0052	206-233-8807	313-488-0810	415-679-6481	404-333-0900	914-337-1487	718-488-0000

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 28, 1997

Ref Number: TX971428

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		%	NONASBESTOS	
				%	TYPE		FIBROUS	% NONFIBROUS
WBS829G01	(b) (6)	Brown Non Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS829G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS829G03		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS814G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile	< 1% Crocidolite			100% Other
WBS814G02		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other
WBS750G01		Brown Non-Fibrous Homogeneous	Teased	< 1% Chrysotile				100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "N of Layers" refers to number of separable subsamples.

*Arthur Hernandez, Jr.*  
Arthur Hernandez, Jr.  
Analyst

ENTERED  
4/28/97  
JRS

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Westmont, NJ	Placemway, NJ	Carle Place, NY	Manhasset, NY	Seattle, WA	Ann Arbor, MI	San Mateo, CA	Myrtle, GA	Greensboro, NC	Scarsdale, NY
908-358-4830	908-961-0666	516-877-7261	212-250-8052	206-223-8087	313-966-4810	415-876-4481	404-323-8888	919-237-1487	713-486-3430

**EMSL**

Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Monday, April 28, 1997

Ref Number: TX971428

**POLARIZED LIGHT MICROSCOPY (PLM)**

Project: 020601 RAG1

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	NONFIBROUS
WBS750G02	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other
WBS750G03		Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

*Arthur Hernandez, Jr.*  
Arthur Hernandez, Jr.  
Analyst

ENTERED  
4/28/97  
JED

Approved  
Signatory

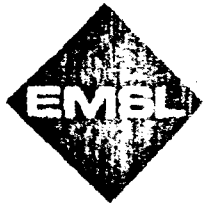
Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Floor tiles and wipes should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All "NVLAP" reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

OFFICIAL  
CHAIN OF CUSTODY RECORD

TX 971428

PROJ. NO.		PROJECT NAME		NO. OF CONTAINERS		REMARKS	
020601RAC1		Wishbone Asbestos		PLM			
SAMPLERS (Signature)							
M. J. Lopez / Barbara J. Story							
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION		
WBS 020601	4-24	0950	X		(b) (6)	1	X
WBS 020602		0955	X			1	X
WBS 020603		1000	X			1	X
WBS 020604		1030	X		(b) (6)	1	X
WBS 020605		1055	X			1	X
WBS 020606		1145	X		(b) (6)	1	X
WBS 020607		1650	X			1	X
WBS 020608		1655	X			1	X
						EPA tag #	
						6-008965	
						6-008966	
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						6-008972	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)	
Barbara A. Story		4-24-97 / 1803					
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)	
Shipped by: Federal Express		Date / Time		Received by: (Signature)		Remarks	
		4-25-97 10:00		2252236103		Fed Ex Airbill #2252236103	
Distribution: White Accompanies Shipment; Pink to Coordinator Field Files;		Green to Report; Yellow Returns with Warrant				PAN 020601RAXX	
						6-08810	

Houston, TX 281-460-0000  
 Dallas, TX 214-460-0000  
 Fort Worth, TX 817-460-0000  
 San Antonio, TX 214-460-0000  
 Austin, TX 512-460-0000  
 El Paso, TX 915-460-0000  
 San Diego, CA 619-460-0000  
 Los Angeles, CA 213-460-0000  
 San Francisco, CA 415-460-0000  
 New York, NY 212-460-0000  
 Philadelphia, PA 215-460-0000  
 Washington, DC 202-460-0000  
 Chicago, IL 312-460-0000  
 Detroit, MI 313-460-0000  
 Cleveland, OH 216-460-0000  
 Columbus, OH 614-460-0000  
 Indianapolis, IN 317-460-0000  
 Kansas City, MO 816-460-0000  
 Las Vegas, NV 702-460-0000  
 Miami, FL 305-460-0000  
 Minneapolis, MN 612-460-0000  
 New Orleans, LA 504-460-0000  
 Phoenix, AZ 602-460-0000  
 Portland, ME 207-460-0000  
 Raleigh, NC 919-460-0000  
 Salt Lake City, UT 801-460-0000  
 Seattle, WA 206-460-0000  
 Springfield, MA 417-460-0000  
 St. Louis, MO 314-460-0000  
 Tampa, FL 813-460-0000  
 Tulsa, OK 918-460-0000  
 Wichita, KS 316-460-0000



Ecology & Environment, Inc.  
 11550 Newcastle Ave. #250  
 Baton Rouge, LA 70816

Tuesday, April 29, 1997

Ref Number: TX971438

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS		
				%	TYPE	%	FIBROUS	%
WBS001	LIMESTONE BACKFILL AT C.P.	Grey Non-Fibrous Homogeneous	Teased		None Detected			100% Other
WBS002	SAND BACKFILL AT C.P.	Brown Non-Fibrous Homogeneous	Teased		None Detected			100% Other
✓ WBS003	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
✓ WBS004	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
✓ WBS005	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
✓ WBS006	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other
✓ WBS007	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile			100% Other

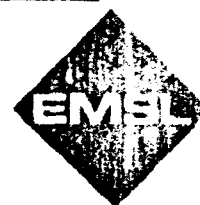
Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples each component is analyzed separately. Also, "number of layers" refers to number of separable subsamples.

Anthony Hernandez, Jr.  
 Analyst

Approved  
 Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Fibrous and asbestos should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP® reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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Ecology & Environment, Inc.  
11550 Newcastle Ave. #250  
Baton Rouge, LA 70816

Tuesday, April 29, 1997

Ref Number: TX971438

## POLARIZED LIGHT MICROSCOPY (PLM)

Project: 020601RAG1 WESTBANK ASBESTOS

SAMPLE	LOCATION	APPEARANCE	SAMPLE TREATMENT	ASBESTOS		NONASBESTOS	
				%	TYPE	%	FIBROUS
✓ WBS701004	(b) (6)	Brown Non-Fibrous Homogeneous	Teased	< 1%	Chrysotile		100% Ot

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also "No Layers" refers to number of separable subsamples.

*[Signature]*  
Analyst

Approved  
Signatory

Disclaimer: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. Fibrous and wipe samples should be tested with either SEM or TEM. The above test report relates only to the items tested. This report may only be reproduced in full with written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. All NVLAP reports with NVLAP logo must contain at least one signature to be valid. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

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